

APPENDIX A

Excerpt of claims as-submitted in the Response dated March 17, 2008 (emphasis in bold):

51. (Currently Amended) A method for protecting text contained within a page to be displayed by a computer, wherein the page contains a portion of encrypted text, the method comprising:

~~accessing a page containing a portion of encrypted text;~~

rendering the page into a graphics device, comprising:

decrypting the portion of encrypted text **within a patched operating system function** to produce decrypted text;

determining spatial characteristics for the decrypted text and dynamically generating a layout for the page based on the spatial characteristics, wherein the ~~intervening with at least one function that controls layouts for display of the page, comprising dynamically generating a layout for display of the page based on spatial characteristics of decrypted text instead of spatial characteristics of the encrypted text, to ensure that the display of the page corresponds to the display of a page containing decrypted text, wherein a layout for display of a page defines spatial characteristics of text, the characteristics including~~ include at least one of (a) positions of characters, (b) heights of characters, (c) widths of characters, (d) widths of words, (e) shapes of characters, (f) spacings between characters, (g) spacings between words, (h) spacings between lines, (i) numbers of characters per line, (j) numbers of words per line, (k) page margins, and (l) paragraph indentations; and ~~decrypting the portion of encrypted text prior to displaying the page; and~~

converting the page into output data for a graphics device content into graphics output; and

displaying at least a portion of the output data from the graphics device.

72. (Currently Amended) A system for protecting text contained within a page to be displayed by a computer, the page containing a portion of encrypted text, the system comprising:

computer hardware storing ~~[[a]] the page containing a portion of encrypted text;~~

a graphics device;

a page renderer rendering the page into said graphics device, the page renderer comprising:

a decoder decrypting the portion of encrypted text **within a patched operating system function** to produce decrypted text;

a page formatter controlling a layout for display of the page, by dynamically generating a layout for display of the page based on spatial characteristics of the decrypted text ~~instead of spatial characteristics of encrypted text, to ensure that the display of the page corresponds to the display of a page containing decrypted text, wherein a layout for display of a page defines spatial characteristics of text, the spatial characteristics including at least one of (a) positions of characters, (b) heights of characters, (c) widths of characters, (d) widths of words, (e) shapes of characters, (f) spacings between characters, (g) spacings~~

between words, (h) spacings between lines, (i) numbers of characters per line, (j) numbers of words per line, (k) page margins, and (l) paragraph indentations; and
~~a text decoder decrypting the portion of encrypted text prior to display of page;~~
and
an output processor converting the page text into output data for a graphics device output; and
a display device displaying at least a portion of the output data from said ~~graphics device~~.

115. (Currently Amended) A method for protecting text within a page to be displayed by a computer, the page containing a portion of encrypted text, the method comprising:

dynamically formatting ~~[[a]]~~ the page by decrypting the portion of encrypted text within a patched operating system function to produce decrypted text, and thereafter generating a layout for the page based on spatial characteristics of the decrypted text, the spatial characteristics containing a first portion of text to determine a layout for display of the page, comprising intervening with at least one function that controls layouts for display of the page, to base the layout for display of the page on spatial characteristics of a second portion of text instead of spatial characteristics of a first portion of text, to ensure that the display of the page corresponds to the display of a page containing the second portion of text, wherein a layout for display of a page defines spatial characteristics of text, the characteristics including at least one of (a) positions of characters, (b) heights of characters, (c) widths of characters, (d) widths of words, (e) shapes of characters, (f) spacings

between characters, (g) spacings between words, (h) spacings between lines, (i) numbers of characters per line, (j) numbers of words per line, (k) page margins, and (l) paragraph indentations; and

rendering the page into a graphics device according to the page layout ~~into a graphics device~~, said rendering comprising:

replacing the portion of encrypted text within the page with the decrypted text ~~first portion of text with the second portion of text~~;

converting the page second portion of text to a into graphics output data for a graphics device; and

writing the graphics output data into the graphics device.

124. (Currently Amended) A system for protecting text within a page to be displayed by a computer, the page including a portion of encrypted text, the system comprising:

a page formatter dynamically formatting ~~[[a]]~~ the page by decrypting the portion of encrypted text **within a patched operating system function** to produce decrypted text, and thereafter generating a layout for the page based on spatial characteristics of the decrypted text, the spatial characteristics containing a first portion of text to determine a layout for display of the page, but based on spatial characteristics of a second portion of text instead of spatial characteristics of a first portion of text, to ensure that the display of the page corresponds to the display of a page containing the second portion of text, wherein a layout for display of a page defines spatial characteristics of text, the characteristics including at least one of (a) positions of characters, (b) heights of characters, (c) widths of characters, (d) widths of words, (e) shapes of characters, (f) spacings between characters, (g) spacings

between words, (h) spacings between lines, (i) numbers of characters per line, (j) numbers of words per line, (k) page margins, and (l) paragraph indentations; and
a page renderer rendering the page into a graphics device according to the page layout ~~into a graphics device~~, the page renderer comprising:

a text processor replacing the first portion of encrypted text with [[a]] ~~second portion of the decrypted~~ text; and

a text convertor converting the ~~second portion of page~~ including the decrypted text [[to]] into a graphics output data for the graphics device and writing the graphics output into the graphics device.

172. (Currently Amended) A computer-readable storage medium storing program code for causing a device to perform the steps of:

accessing a page containing a portion of encrypted text;

rendering the page into a graphics device, comprising:

decrypting the portion of encrypted text **within a patched operating system function** to produce decrypted text;

determining spatial characteristics for the decrypted text and dynamically generating a layout for the page based on the spatial characteristics, wherein the ~~intervening with at least one function that controls layouts for display of the page, comprising dynamically generating a layout for display of the page based on spatial characteristics of decrypted text instead of spatial characteristics of the encrypted text, to ensure that the display of the page corresponds to the display of a page containing decrypted text, wherein a layout for display of a page defines spatial characteristics of text, the characteristics including~~ include at least one of (a)

positions of characters, (b) heights of characters, (c) widths of characters, (d) widths of words, (e) shapes of characters, (f) spacings between characters, (g) spacings between words, (h) spacings between lines, (i) numbers of characters per line, (j) numbers of words per line, (k) page margins, and (l) paragraph indentations; and
~~decrypting the portion of encrypted text prior to displaying the page; and~~
converting the page into output data for a graphics device content into
~~graphics output; and~~
displaying at least a portion of the output data from the graphics device.

173. (Currently Amended) A computer-readable storage medium storing program code for causing a device to perform the steps of:

dynamically formatting a page containing a portion of encrypted text by
decrypting the encrypted text **within a patched operating system function** to
produce decrypted text, and thereafter generating a layout for the page based on
spatial characteristics of the decrypted text, the spatial characteristics containing a
~~first portion of text to determine a page layout for display of the page, comprising~~
~~intervening with at least one function that controls layouts for display of the page, to~~
~~base the layout for display of the page on spatial characteristics of a second portion~~
~~of text instead of spatial characteristics of a first portion of text, to ensure that the~~
~~display of the page corresponds to the display of a page containing the second~~
~~portion of text, wherein a layout for display of a page defines spatial characteristics~~
~~of text, the characteristics including at least one of (a) positions of characters, (b)~~
~~heights of characters, (c) widths of characters, (d) widths of words, (e) shapes of~~
~~characters, (f) spacings between characters, (g) spacings between words, (h)~~

spacings between lines, (i) numbers of characters per line, (j) numbers of words per line, (k) page margins, and (l) paragraph indentations; and

rendering the page into a graphics device according to the page layout ~~into a graphics device~~, said rendering comprising:

replacing the portion of encrypted text within the page with the decrypted text ~~first portion of text with the second portion of text~~;

converting the page second portion of text to a ~~into~~ graphics output data for a graphics device; and

writing the ~~graphics~~ output data into the graphics device.